

AMENDMENTS TO THE CLAIMS

Pursuant to 37 C.F.R. § 1.121 the following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A ~~computer implemented~~ system for managing and monitoring one or more computer systems, said ~~computer implemented~~ system comprising:

a computer having a processor, a storage device, a memory device, and a network device configured to receive monitoring information from ~~the~~ one or more computer systems, the monitoring information concerning the operation of the one or more respective computer systems; and

a computer-readable medium encoded with a computer program configured to instruct the computer to perform the steps of:

~~using a data source detection module to identify accessible data sources in said one or more computer systems;~~

acquiring instructions from a configuration stored in the computer storage device ~~to be utilized to query at least one of said computer systems~~, said configuration including a service table identifying one or more services that are useable to monitor at least one of said computer systems, a detection table identifying information ~~capable of being detected in the~~ utilized to detect at least one of the accessible data sources, and a metric table identifying a metric for the at least one ~~of the accessible data source~~ sources;

using a data source detection module to detect accessible services in said one or more computer systems;

probing said one or more computer systems for one or more accessible data sources related to the detected accessible services;

selecting at least one metric related to at least one of the accessible data sources;

probing ~~scanning~~ said one or more data sources ~~computer systems~~ based on the instructions acquired from the configuration for accessible data sources;

~~generating to generate~~ a list of accessible data sources for the selected metric in said ~~scanned~~ probed computer systems,[[;]] said list comprising a subset of combinations of said data sources specified by said configuration;

~~determining the identified metric;~~ and

~~querying~~ retrieving from at least one of said accessible data sources ~~computer systems for~~ monitoring information corresponding to the at least one selected metric.

2. (Currently Amended) The ~~computer implemented~~ system according to claim 1, wherein:

the data sources are monitoring information sources in said one or more computer systems;
and

the at least one metric is related to said monitoring information sources, said metric being detected by the data source detection module to output said list of said accessible data sources.

3. (Currently Amended) The ~~computer implemented~~ system according to claim 1, wherein the computer program is further configured to:

provide monitoring information of one of said computer systems; and
probe said monitoring information to monitor the one of said computer systems.

4. (Currently Amended) The ~~computer implemented~~ system according to claim 1, wherein the computer program is further configured to:

collect performance information from said data sources utilizing data collection tools, and
receive from a user a selection of said data sources for monitoring.

5. (Currently Amended) The ~~computer implemented~~ system according to claim 4, wherein the computer program is further configured to:

provide an interactive graphical user interface for user interaction with said data source detection module and said data collection tools.

6. (Currently Amended) A method for ~~automatic~~ automated detection of monitoring data sources of at least one computer system in a network environment, said method comprising the steps of:

providing a configuration containing instructions that query at least one of said at least one computer system, said configuration comprising a service table identifying one or more services that are usable to monitor said at least one computer system, a detection table identifying information to ~~discover~~ detect at least one of the monitoring data sources, and a metric table identifying a metric for the at least one of the monitoring data sources;

providing a data detection module;

identifying, by said data detection module using said configuration, accessible data sources of at least one of said at least one computer system;

collecting from at least one of said computer systems meta and performance information of said accessible data sources of at least one of said at least one computer system;

embedding an expert's knowledge concerning monitoring information services into a monitoring-configuration in software used ~~in~~ to automate said step of collecting meta and performance information;

presenting said meta and performance information to a user; and

presenting a list of said identified accessible data sources to said user.

7. (Original) The method according to claim 6, further comprising the step of:

receiving access information from said user, wherein said access information comprises one member of the group consisting of a username and a password.

8. (Original) The method according to claim 6, further comprising the steps of:

receiving a list of data sources chosen by said user;

extracting said meta and performance data from said chosen data sources; and

presenting said meta and performance data to said user.

9. (Previously Presented) The method according to claim 6, further comprising the step of:

utilizing a probe engine to verify whether a service of one of said at least one computer system is responding, and

determining, said meta and performance data of an environment in which said service is running, in response to said probe engine verifying said service is running.

10. (Original) The method according to claim 9, wherein the service probing step is performed for each service of said at least one computer system.

11. (Previously Presented) The method according to claim 9, further comprising the steps of:

utilizing said probe engine to identify a at least one monitoring information source in said at least one computer system, and

storing said monitoring information source in a list of said at least one identified monitoring information sources.

12. (Previously Presented) The method according to claim 11, wherein the monitoring information source probing step utilizes the probe engine to identify the monitoring information source and storing the monitoring information source in the list of detected monitoring information sources are performed for each monitoring information source of said at least one computer system.

13. (Original) The method according to claim 11, further comprising the step of:

utilizing said probe engine to determine a metric associated with each of said monitoring information sources.

14. (Original) The method according to claim 6, wherein said meta information comprises set-up information of said at least one computer system.

15. (Canceled).

16. (Previously Presented) The method according to claim 8, wherein said list receiving step comprises receiving a range of data sources of said network environment, said range being specified by said user.

17. (Previously Presented) The computer implemented system according to claim 3, wherein:

the monitoring information is associated with a first service type;
the probing step corresponds to a second service type; and
the probing step is performed in response to the first service type of the monitoring information.

18. (Previously Presented) The computer implemented system according to claim 3, wherein accessible data sources and the detected metrics are populated while the probing step identifies all of the accessible data sources and detected metrics.

19. (Previously Presented) The method according to claim 6, wherein each of said services identified in said service table are associated with a service type, the method further comprising the step of activating a probe engine according to a at least one service type, wherein the probe engine probes a monitoring information service to monitor information of the computer system.

20. (Currently Amended) The method according to claim 6, wherein the step of collecting meta and performance information further ~~comprising the step of~~ comprises populating the list of the accessible data sources, wherein the list of the accessible data sources is initially empty.